

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/050053

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04N9/73 H05B37/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04N H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 672 (E-1646), 19 December 1994 (1994-12-19) & JP 06 267664 A (TOSHIBA LIGHTING & TECHNOL CORP), 22 September 1994 (1994-09-22) abstract	1, 15, 18
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 413 (E-0974), 6 September 1990 (1990-09-06) & JP 02 158094 A (MATSUSHITA ELECTRIC IND CO LTD), 18 June 1990 (1990-06-18) abstract	1, 15, 18
	----- -/-- -----	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

15 April 2005

Date of mailing of the international search report

06/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Pigniez, T

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/050053

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 324 (E-1564), 20 June 1994 (1994-06-20) & JP 06 076958 A (MATSUSHITA ELECTRIC WORKS LTD), 18 March 1994 (1994-03-18) abstract	1,15,18
A	US 5 668 890 A (WINKELMAN ET AL) 16 September 1997 (1997-09-16) column 6, line 1 - line 22	1,15,18

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2005/050053

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 06267664	A	22-09-1994	NONE	
JP 02158094	A	18-06-1990	JP 2106755 C JP 8012793 B	06-11-1996 07-02-1996
JP 06076958	A	18-03-1994	NONE	
US 5668890	A	16-09-1997	DE 4310727 A1 JP 3029225 B2 JP 6141183 A	28-10-1993 04-04-2000 20-05-1994

## PCT REQUEST

Print Out (Original in Electronic Form)

VIII-3-1	<b>Declaration: Entitlement to claim priority</b> Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	in relation to this international application  KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled to claim priority of earlier application No. 60/534,266 by virtue of the following:
VIII-3-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, GUTTA, Srinivas
VIII-3-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, KUPPENS, Simon J. M.
VIII-3-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, BROEK, Huub
VIII-3-1(i)	This declaration is made for the purposes of:	all designations

## PCT REQUEST

Print Out (Original in Electronic Form)

VIII-3-2	<b>Declaration: Entitlement to claim priority</b> Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)) Name	<b>in relation to this international application</b>  KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled to claim priority of earlier application No. 60/534,315 by virtue of the following:
VIII-3-2(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, GUTTA, Srinivas
VIII-3-2(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, KUPPENS, Simon J. M.
VIII-3-2(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, BROEK, Huub
VIII-3-2(i)	This declaration is made for the purposes of:	<b>all designations</b>

## PCT REQUEST

Print Out (Original in Electronic Form)

VIII-2-1	<p><b>Declaration: Entitlement to apply for and be granted a patent</b>  Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:  Name (LAST, First)</p>	<p><b>in relation to this international application</b></p> <p>KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled to apply for and be granted a patent by virtue of the following:</p>
VIII-2-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, GUTTA, Srinivas
VIII-2-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, KUPPENS, Simon J. M.
VIII-2-1(i)		KONINKLIJKE PHILIPS ELECTRONICS, N.V. is entitled as employer of the inventor, BROEK, Huub
VIII-2-1(x)	This declaration is made for the purposes of:	all designations except the designation of the United States of America